CLAIMS

1. A liquid delivery head having heating elements and metal oxide field effect transistors to drive said heating elements which are formed on a substrate such that said heating elements driven by said metal oxide field effect transistors heat a liquid contained in a liquid chamber, thereby ejecting said liquid in the form of droplets from nozzles, characterized in that each of said metal oxide field effect transistors has a polycide gate or a metal gate.

2. The liquid delivery head as defined in Claim 1, wherein the gate has a gate length no larger than 2 μm.

3. A liquid delivery device for ejecting liquid droplets toward an object from a liquid delivery head, characterized in that said liquid delivery head has heating elements and metal oxide field effect transistors to drive said heating elements which are formed on a substrate such that said heating elements driven by said metal oxide field effect transistors heat a liquid contained in a liquid chamber, thereby ejecting said liquid in the form of droplets from nozzles, and each of said metal oxide field effect transistors has a polycide gate or a metal gate.

4. A process for production of a liquid delivery head which has heating elements and metal oxide field effect transistors to drive said heating elements which are formed on a substrate such that said heating elements driven by said metal oxide field effect transistors heat a liquid contained in a liquid chamber, thereby ejecting said liquid in the form of droplets from nozzles, characterized in that each of said metal oxide field effect transistors has a polycide gate or a metal gate.